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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/519,206	03/06/2000	Derek Hoeim	777.369US1	8410

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EXAMINER

TRAN, MYLINH T

ART UNIT	PAPER NUMBER
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2179

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/519,206

Applicant(s)

DEREK HOEIM

Examiner

Mylinh T Tran

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on RCE filed 08/23/04.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 March 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

Applicant's Amendment filed 09/23/03 has been entered and carefully considered. Claims 9 and 23 have been amended. However, limitation of amended claims have not been found to be patentable over newly discovered prior art, therefore, claims 1-23 are rejected under the new ground of rejection as set forth below.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-23 are rejected under 35 U.S.C. 102(a) as being anticipated by Koppolu [US. 5,706,458].

As to claim 1, Koppolu discloses teaches a computer implemented method and corresponding apparatus for generating a user interface for a suite application having a host application comprising the steps/means for one or more component tables (component menu is stored in a table, column 4, line 45 through column 5, line 24), wherein each component table corresponds to a component of the application (menus of a container application or a server application); and a master table merged from the one or more component tables (the master table is stored a merged menu list).

Art Unit: 2179

As to claim 2, Koppolu also discloses the master table including available command (options in the menu: cut, copy); and available command vectors for the application (menu, toolbar)

As to claim 3, Koppolu shows each component table including at least one command for the corresponding component (cut command of the component menu).

As to claim 4, Koppolu also shows each command and command vector has a unique object identifier. It is inherent that each command "cut" of the Word Processor and Graphic programs has a unique object identifier in order to get the correct "cut" command when the user requests.

As to claim 5, Koppolu teaches each command and command vector having a flag specifying visibility. It is inherent that the "cut" command is in Koppolu's system has a flag to let the user know the command enabling or disabling for user to use.

As to claim 6, Koppolu also discloses an additional component table and wherein the master table is merged from the at least one component table and the additional component table (the master table merges container menus with sever menus, column 5, lines 1-24).

As to claims 7 and 20, Koppolu teaches a removed component table of the at least one component table corresponding to a removed component and wherein the master table is merged from the remaining component tables of

the at least one component table. It is inherent that the master table merges only container menu tables when server menu table is removed from a list.

As to claim 8, Koppolu also teaches the master table including available commands ("copy", "cut", "file open"), menus and toolbars and the location of each available command (figure 1).

As to claim 9, Koppolu provides commands, wherein each command corresponds to one or more components of the suite application ("cut" command of the server menu component); and wherein at least one command corresponds to at least one entry in a component table (server menu table) and a master table (list of merged menus of the server menus and the container menus) (column 4, lines 1-67); command vectors (menu or toolbar where a user can go to get a "copy" command); wherein the command vectors contain groups (items on the toolbar are grouped in a group, figure 1); wherein the items comprises the commands, submenus and other user interface widgets (figure 1, Items is menu options such as cut, save file, open file, copy commands).

As to claim 10, Koppolu also provides each command having a master group and wherein each group having a master menu ("cut" command in the merged list of menus, figure 11).

As to claims 11, 14 and 21, Koppolu demonstrates starting a host application (the host application contains the merged menu list); determined if registry entries for the suite application have been altered (column 5, lines 1-65,

because the container menus are added into the merged menu list to make the suite application altered); on registry entries being altered, remerging component tables and rebuilding a master table (column 5, lines 25-67); building default user interface components and building additional user interface components on demand (merged menu list, figure 11);

As to claims 12 and 18, Koppolu also demonstrates building minimal menus and toolbars for the host application. It is inherent that the user can add as minimum number of menus or toolbars as he/she wants into the merged menu list. Koppolu shows building minimal key binding for the host application (ctrl+c for copy command or ctrl+x for cut command on a keyboard, column 13, line 35 through column 14, line 28).

As to claim 13, Koppolu discloses on a user executing a command corresponding to a component, building menus, toolbars and key binding for the corresponding component (column 14, lines 1-36).

As to claim 15, Koppolu also discloses installing an additional component for the suite application and modifying registry entries for the suite application (column 9, lines 1-21).

As to claim 16, Koppolu teaches generating at least one component table, wherein each component table being generated by creating at lease one resource text file (column 10, lines 27-67); compiling the at least one resource text file into at least one binary resource file (column 11, lines 1-21); compiling the at least one binary resource file into the component table and

merging the at least one component table into the master table (column 12, lines 7-42).

As to claims 17 and 19, Koppolu shows creating a master table by merging at least component table where the master table describes the user interface elements of the host application and the at least one component table (column 5, lines 1-65); building default menus for the unified user interface based on information in the master component table, the default menu initially showing a default user interface as the unified user interface (column 5, lines 25-65); upon activation of one of the at least one components, building additional menus into the unified user interface for the activated components (column 5, lines 25-65)

As to claim 22, Koppolu also shows means for determining if a component having been added and means for remerging component tables into a master table; and means for building the user interface from the master table (column 5, lines 25-65).

As to claim 23, the claim is analyzed as previously discussed with respect to claims 1 and 12.

### **Response to Arguments**

Applicant's arguments with respect to claims 1-23 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-7238), may be used for formal After Final communications, (703) 746-7239 for Official communications, or (703) 746-7240 for Non-Official or draft communications. NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-1304. The examiner can normally be reached on Monday-Thursday from 8.00AM to 6.30PM

If attempt to reach the examiner by telephone are unsuccessful, the examiner 's supervisor, Heather Herndon, can be reached on (703) 308-5186,

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified



Art Unit: 2179

or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Mylinh Tran

Art Unit 2179

BA HUYNH  
PRIMARY EXAMINER